



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2009
Code: 12631785
SAU: MSAD 71
School: Middle School Of The Kennebunk

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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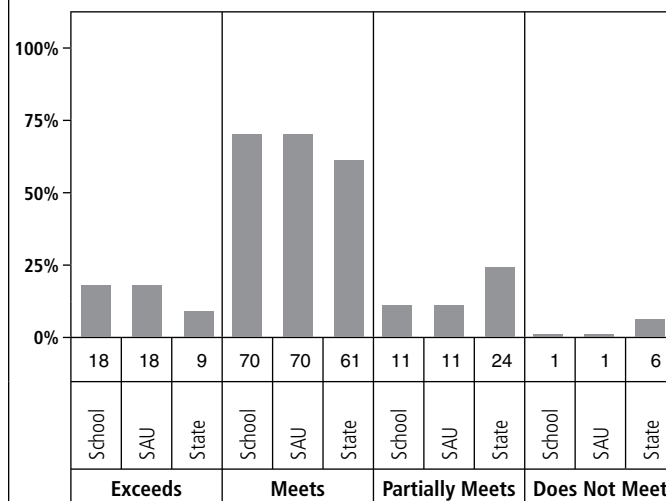
SUMMARY OF SCORES

Test Date: March 2009
Grade: 6
SAU: MSAD 71
School: Middle School Of The Kennebunk

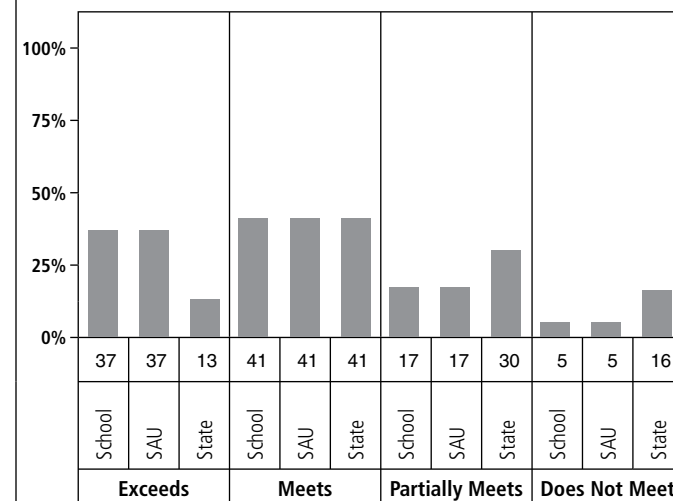
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	653	653	646
2007–2008	654	654	648
2008–2009	652	652	647
Cum. Avg.*	653	653	647
Mathematics			
2006–2007	655	655	643
2007–2008	655	655	642
2008–2009	654	654	643
Cum. Avg.*	655	655	643

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 6
SAU: MSAD 71
School: Middle School Of The Kennebunk

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	176	100	176	100	14251	100	176	100	176	100	14150	99	176	100	176	100	14156	100						
Ethnicity African American/Black	1	1	1	1	421	3	1	100	1	100	412	98	1	100	1	100	415	99						
American Indian or Native Alaskan	0	0	0	0	128	1	0	0	0	0	127	99	0	0	0	0	128	100						
Asian or Pacific Islander	1	1	1	1	212	1	1	100	1	100	210	99	1	100	1	100	212	100						
Hispanic	1	1	1	1	181	1	1	100	1	100	177	98	1	100	1	100	178	99						
Caucasian/White	173	98	173	98	13309	93	173	100	173	100	13224	100	173	100	173	100	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	44	25	44	25	2468	17	44	100	44	100	2423	99	44	100	44	100	2426	99						
Current LEP	0	0	0	0	341	2	0	0	0	0	330	97	0	0	0	0	338	99						
Economically disadvantaged	26	15	26	15	5780	41	26	100	26	100	5724	99	26	100	26	100	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	138	78	138	78	11369	80	138	78	138	78	11373	80						
Identified disability (PET/IEP)	7	5	7	5	355	3	7	5	7	5	371	3						
LEP	0	0	0	0	167	1	0	0	0	0	170	1						
504 plan	0	0	0	0	172	2	0	0	0	0	175	2						
Participation with accommodations	36	20	36	20	2594	18	36	20	36	20	2605	18						
Identified disability (PET/IEP)	35	97	35	97	1881	73	35	97	35	97	1877	72						
LEP	0	0	0	0	155	6	0	0	0	0	161	6						
504 plan	1	3	1	3	74	3	1	3	1	3	71	3						
Other	0	0	0	0	519	20	0	0	0	0	532	20						
Participation through alternate assessment (PAAP)	2	1	2	1	187	1	2	1	2	1	178	1						
Identified disability (PET/IEP)	2	100	2	100	187	100	2	100	2	100	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	26	0	0	0	0	0	25	0						
Non-participation – other	0	0	0	0	75	1	0	0	0	0	70	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 71
School: Middle School Of The Kennebunk

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	39	21	39	21	1132	8
	2007-2008	43	27	43	27	1817	13
	2008-2009	32	18	32	18	1309	9
	Cum. Total*	114	22	114	22	4258	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	118	64	118	64	8127	57
	2007-2008	97	61	97	61	8072	57
	2008-2009	121	70	121	70	8564	61
	Cum. Total*	336	65	336	65	24763	59
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	27	15	27	15	3549	25
	2007-2008	18	11	18	11	3194	23
	2008-2009	20	11	20	11	3291	24
	Cum. Total*	65	13	65	13	10034	24
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	1	1	1	1	1478	10
	2007-2008	2	1	2	1	981	7
	2008-2009	1	1	1	1	799	6
	Cum. Total*	4	1	4	1	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	38.0	67.9	38.0	67.9	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.4	67.0	13.4	67.0	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	24.5	68.1	24.5	68.1	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 71
 School: Middle School Of The Kennebunk

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	174	32	18	121	70	20	11	1	1	652	174	18	70	11	1	652	13963	9	61	24	6	647
Ethnicity																						
African American/Black	1										1						403	5	46	34	15	641
American Indian or Native Alaskan	0										0						125	4	49	38	10	642
Asian or Pacific Islander	1										1						206	18	56	20	6	649
Hispanic	1										1						174	5	55	33	7	644
Caucasian/White	171	32	19	118	69	20	12	1	1	652	171	19	69	12	1	652	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	42	1	2	25	60	15	36	1	2	643	42	2	60	36	2	643	2236	1	30	48	22	637
No	132	31	23	96	73	5	4	0	0	655	132	23	73	4	0	655	11727	11	67	19	3	649
Current LEP																						
Yes	0										0						322	2	39	37	21	638
No	174	32	18	121	70	20	11	1	1	652	174	18	70	11	1	652	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	26	1	4	14	54	11	42	0	0	643	26	4	54	42	0	643	5617	4	54	33	9	643
No	148	31	21	107	72	9	6	1	1	654	148	21	72	6	1	654	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	174	32	18	121	70	20	11	1	1	652	174	18	70	11	1	652	13959	9	61	24	6	647
Gender																						
Female	77	18	23	56	73	3	4	0	0	655	77	23	73	4	0	655	6743	13	63	20	4	649
Male	97	14	14	65	67	17	18	1	1	650	97	14	67	18	1	650	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										1						1408	4	41	43	12	641
No	173	32	18	121	70	20	12	0	0	652	173	18	70	12	0	652	12555	10	64	21	5	648
Gifted/talented program																						
Yes	1										1						636	39	59	2	0	659
No	173	31	18	121	70	20	12	1	1	652	173	18	70	12	1	652	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 71
School: Middle School Of The Kennebunk

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	2	67	1	33	0	0	642	2	0	67	33	0	642	6	5	47	32	16	642
B. less than one hour	44	13	17	53	70	9	12	1	1	651	44	17	70	12	1	651	59	9	62	24	5	647
C. one to two hours	51	18	20	62	70	9	10	0	0	653	51	20	70	10	0	653	32	11	64	21	4	648
D. more than two hours	3	1	17	4	67	1	17	0	0	653	3	17	67	17	0	653	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	42	21	29	47	64	5	7	0	0	656	42	29	64	7	0	656	31	17	66	14	3	651
B. good	40	9	13	51	73	9	13	1	1	651	40	13	73	13	1	651	48	8	64	23	5	647
C. fair	15	1	4	21	81	4	15	0	0	647	15	4	81	15	0	647	18	2	48	40	10	641
D. poor	2	0	0	2	50	2	50	0	0	644	2	0	50	50	0	644	2	1	34	47	18	638
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	41	18	25	44	62	8	11	1	1	654	41	25	62	11	1	654	38	13	65	18	3	650
B. They match some of what I have learned.	50	11	13	65	76	10	12	0	0	651	50	13	76	12	0	651	49	8	63	24	5	647
C. They match just a little of what I have learned.	7	1	8	10	83	1	8	0	0	651	7	8	83	8	0	651	10	5	48	36	11	642
D. There is no match.	2	1	25	2	50	1	25	0	0	651	2	25	50	25	0	651	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	17	4	13	21	70	5	17	0	0	650	17	13	70	17	0	650	16	7	52	30	11	644
B. about the same as my regular schoolwork	61	19	18	75	71	11	10	1	1	653	61	18	71	10	1	653	66	10	64	22	4	648
C. easier than my regular schoolwork	21	8	22	25	68	4	11	0	0	653	21	22	68	11	0	653	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	7	1	8	9	75	2	17	0	0	648	7	8	75	17	0	648	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	52	8	9	64	73	15	17	1	1	650	52	9	73	17	1	650	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	41	22	31	45	64	3	4	0	0	656	41	31	64	4	0	656	35	16	67	14	3	651
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	50	15	17	63	73	8	9	0	0	653	50	17	73	9	0	653	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	47	14	18	54	68	11	14	1	1	652	47	18	68	14	1	652	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	3	2	33	3	50	1	17	0	0	653	3	33	50	17	0	653	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	28	13	27	35	71	1	2	0	0	656	28	27	71	2	0	656	23	15	65	16	4	650
B. 20 minutes to an hour	58	17	17	72	71	11	11	1	1	652	58	17	71	11	1	652	49	10	64	22	4	648
C. less than 20 minutes	6	1	10	6	60	3	30	0	0	647	6	10	60	30	0	647	11	6	58	29	7	645
D. I rarely read at home.	8	1	7	8	57	5	36	0	0	646	8	7	57	36	0	646	17	2	51	36	11	642
Optional school/SAU question																						
A.	100	0	0	1	50	1	50	0	0	639	100	0	50	50	0	639						
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 71
School: Middle School Of The Kennebunk

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	60	32	60	32	2092	15
	2007-2008	56	35	56	35	1474	10
	2008-2009	65	37	65	37	1807	13
	Cum. Total*	181	35	181	35	5373	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	87	47	87	47	5731	40
	2007-2008	79	49	79	49	6008	43
	2008-2009	71	41	71	41	5662	41
	Cum. Total*	237	46	237	46	17401	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	34	18	34	18	4175	29
	2007-2008	16	10	16	10	4244	30
	2008-2009	29	17	29	17	4219	30
	Cum. Total*	79	15	79	15	12638	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	4	2	4	2	2308	16
	2007-2008	9	6	9	6	2346	17
	2008-2009	9	5	9	5	2290	16
	Cum. Total*	22	4	22	4	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	38.3	68.4	38.3	68.4	30.6	54.6
A. Number	18	32	12.8	71.1	12.8	71.1	10.3	57.2
B. Data	12	21	8.2	68.3	8.2	68.3	6.6	55.0
C. Geometry	14	25	9.3	66.4	9.3	66.4	7.3	52.1
D. Algebra	12	21	8.0	66.7	8.0	66.7	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 71
 School: Middle School Of The Kennebunk

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	174	65	37	71	41	29	17	9	5	654	174	37	41	17	5	654	13978	13	41	30	16	643
Ethnicity																						
African American/Black	1										1						406	4	26	36	34	633
American Indian or Native Alaskan	0										0						126	4	29	40	28	635
Asian or Pacific Islander	1										1						208	18	47	23	12	647
Hispanic	1										1						175	5	31	41	23	638
Caucasian/White	171	65	38	68	40	29	17	9	5	654	171	38	40	17	5	654	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	42	5	12	17	40	14	33	6	14	642	42	12	40	33	14	642	2248	3	18	33	46	629
No	132	60	45	54	41	15	11	3	2	658	132	45	41	11	2	658	11730	15	45	30	11	646
Current LEP																						
Yes	0										0						331	3	22	35	40	631
No	174	65	37	71	41	29	17	9	5	654	174	37	41	17	5	654	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	26	2	8	13	50	6	23	5	19	641	26	8	50	23	19	641	5620	6	33	37	25	637
No	148	63	43	58	39	23	16	4	3	657	148	43	39	16	3	657	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	174	65	37	71	41	29	17	9	5	654	174	37	41	17	5	654	13974	13	41	30	16	643
Gender																						
Female	77	31	40	32	42	10	13	4	5	655	77	40	42	13	5	655	6738	12	40	32	16	642
Male	97	34	35	39	40	19	20	5	5	654	97	35	40	20	5	654	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										1						1410	3	24	41	32	634
No	173	65	38	71	41	29	17	8	5	654	173	38	41	17	5	654	12568	14	42	29	15	644
Gifted/talented program																						
Yes	1										1						637	65	32	3	0	665
No	173	64	37	71	41	29	17	9	5	654	173	37	41	17	5	654	13341	10	41	31	17	642

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 71
School: Middle School Of The Kennebunk

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	2	67	1	33	0	0	644	2	0	67	33	0	644	6	7	32	28	32	636
B. less than one hour	44	26	34	32	42	13	17	5	7	652	44	34	42	17	7	652	59	13	41	30	16	643
C. one to two hours	51	37	42	35	39	14	16	3	3	656	51	42	39	16	3	656	32	14	41	31	14	644
D. more than two hours	3	2	33	2	33	1	17	1	17	650	3	33	33	17	17	650	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	44	47	61	24	31	3	4	3	4	662	44	61	31	4	4	662	30	27	45	18	9	651
B. good	43	17	23	37	49	18	24	3	4	650	43	23	49	24	4	650	46	9	45	31	15	643
C. fair	11	1	5	9	47	6	32	3	16	642	11	5	47	32	16	642	20	2	29	43	26	635
D. poor	2	0	0	1	33	2	67	0	0	642	2	0	33	67	0	642	4	1	15	46	38	630
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	47	34	41	35	43	10	12	3	4	657	47	41	43	12	4	657	35	18	42	27	13	646
B. They match some of what I have learned.	45	29	37	32	41	14	18	3	4	653	45	37	41	18	4	653	50	11	43	31	15	643
C. They match just a little of what I have learned.	6	1	9	3	27	4	36	3	27	638	6	9	27	36	27	638	13	8	31	36	26	638
D. There is no match.	2	1	33	1	33	1	33	0	0	652	2	33	33	33	0	652	3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	21	5	14	17	47	10	28	4	11	647	21	14	47	28	11	647	32	7	40	34	20	640
B. about the same as my regular schoolwork	51	32	36	39	44	13	15	4	5	654	51	36	44	15	5	654	56	13	42	30	15	644
C. easier than my regular schoolwork	29	28	56	15	30	6	12	1	2	660	29	56	30	12	2	660	12	31	36	20	13	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	56	38	40	35	36	19	20	4	4	655	56	40	36	20	4	655	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	39	24	36	31	46	8	12	4	6	655	39	36	46	12	6	655	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	5	3	33	4	44	1	11	1	11	649	5	33	44	11	11	649	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	3	1	17	2	33	3	50	0	0	644	3	17	33	50	0	644	6	8	29	29	34	635
B. 30–45 minutes	12	3	14	10	48	6	29	2	10	645	12	14	48	29	10	645	33	10	37	34	19	641
C. 45–60 minutes	79	59	43	54	40	19	14	4	3	657	79	43	40	14	3	657	45	15	44	29	12	645
D. more than 60 minutes	6	2	20	5	50	1	10	2	20	646	6	20	50	10	20	646	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	7	6	50	4	33	1	8	1	8	659	7	50	33	8	8	659	9	14	35	29	22	641
B. two or three days a week	49	38	44	35	41	12	14	1	1	657	49	44	41	14	1	657	26	15	40	30	16	644
C. two or three times each month	29	15	30	23	46	10	20	2	4	653	29	30	46	20	4	653	31	13	43	30	14	644
D. never or almost never	15	6	23	9	35	6	23	5	19	645	15	23	35	23	19	645	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	29	12	24	28	55	9	18	2	4	651	29	24	55	18	4	651	17	8	35	33	24	639
B. two or three days a week	24	20	49	12	29	6	15	3	7	655	24	49	29	15	7	655	28	13	42	30	15	643
C. two or three times each month	29	14	27	23	45	10	20	4	8	652	29	27	45	20	8	652	31	15	43	30	13	645
D. never or almost never	17	19	63	8	27	3	10	0	0	663	17	63	27	10	0	663	23	14	39	30	17	643
Optional school/SAU question																						
A.	100	0	0	1	50	0	0	1	50	635	100	0	50	0	50	635						
B.	0										0											
C.	0										0											
D.	0										0											